

PROCEEDINGS OF THE ROYAL ENTOMOLOGICAL SOCIETY OF LONDON

SERIES C. JOURNAL OF MEETINGS

VOLUME 14.

No. 3, 1949

ORDINARY MEETING

WEDNESDAY, 6TH APRIL, 1949, at 5.30 p.m.

AGENDA

1. Confirmation of the Proceedings of the Ordinary Meeting held on 2nd March, 1949.
2. Recommendations of candidates for Fellowship.
3. Announcement of election of new Fellows.
4. Additions to the Library.

Presented.

Bodenheimer, F. S. *Türkiye Entomolojisi*. 2 vols. 8vo. Ankara. 1941. [Dr. Malcolm Burr.]

Licent, E. Vingt deux années d'exploration dans le nord de la Chine. *Publ. Mus. Hoang ho Pai ho* **39**: 1-41 [1936]. [The Author.]

Sergent, Edmond, and Sergent, Etienne. *Histoire d'un marais Algérien*. 8vo. Algiers. 1947. [Institut Pasteur d'Algérie.]

Jary, S. G. *Good Control of Insect Pests*. 8vo. London. 1948. [The Publishers.]

Smith, S. Gordon. *The Butterflies and Moths of Cheshire, Flintshire, Denbighshire, Caernarvonshire, Anglesey and Merionethshire*. 8vo. Chester. 1948. [The Author, on behalf of the Chester Society of Natural Science, Literature and Art.]

Purchased.

Colas, G. *Guide de l'Entomologiste*. 8vo. Paris. 1948.

Hoffmeyer, S. *De Danske Spindere*. 8vo. Aarhus. 1948.

In addition separates have been presented by Mr. K. M. Guichard and Dr. I. H. H. Yarrow, the U.S. Department of Agriculture, the Smithsonian Institution, Mr. J. A. Downes, Mr. P. W. Fattig, Dr. V. B. Wigglesworth, Mr. J. G. Brooks, Mr. L. E. Couchman, Prof. F. Silvestri, the Hon. Miriam Rothschild, Dr. E. A. Cockayne, the American Entomological Society, the Carnegie Museum, the Institut Pasteur d'Algérie, and Rothamsted Experimental Station.

5. Exhibits.

Fellows are particularly requested to bring suitable exhibits to the Meeting even though it may not be possible to announce their intention to do so beforehand.

Note.—To avoid congestion in the Library and to enable exhibits to be displayed to greater advantage, a table has been placed in the meeting room for this purpose. Fellows are asked to place their exhibits on this table, with a suitable explanatory note, as soon as possible on the afternoon of the meeting, so that they are available for inspection there before the meeting opens.

6. Admission of Fellows.

7. Communications.

Mr. W. H. Potts.

Tsetse control and some of the problems it raises for the entomologist.

[ABSTRACT]

The broad principles underlying Tsetse control will be briefly outlined and a distinction drawn between those species of tsetse living broadly dispersed over wide areas of woodland, and those whose distribution is more strictly confined to certain well-defined habitats in such a way that under certain conditions it is almost linear. Problems of control necessarily differ according to the category in which the species concerned may fall. Furthermore, methods of control are divided into those of direct and those of indirect attack. Various methods will be briefly discussed, with some of the biological problems which they raise.

TEA will be served in the Library before the meeting.

A card index of Fellows' addresses arranged on a geographical basis is now available for the use of Fellows in the Society's Rooms. Addresses in Great Britain are grouped under counties: elsewhere under Dominions, Colonies, Foreign States, etc.

ADMISSION OF FELLOWS

Any Fellow who has not been formally admitted to the Society under Chapter XIV, Section 4 of the Bye-laws and attends the meeting on 6th April, 1949 is requested to inform the Secretary before 5.15 p.m. on that date.

PROCEEDINGS OF THE JOINT MEETING WITH THE FOOD GROUP OF THE SOCIETY OF CHEMICAL INDUSTRY HELD IN THE LIBRARY OF THE ROYAL SANITARY INSTITUTE ON 23RD FEBRUARY, 1949.

Dr. E. B. Hughes, F.R.I.C., Chairman of the Food Group of the Society of Chemical Industry, in the Chair.

In opening the meeting the Chairman extended a welcome to the Officers and Fellows of the Society.

The meeting was divided between a talk by Dr. C. G. Butler on the sense physiology and behaviour of the honey bee, and a talk by Mr. Pryce Jones on the origin, composition and properties of honey.

At the close of the meeting Mr. E. M. Learmonth proposed a vote of thanks to the speakers, which was carried unanimously.

The President, on behalf of the Council and Fellows, expressed the Society's thanks to the Society of Chemical Industry for their hospitality on this occasion, and for the opportunity it afforded of discussing these subjects which were of mutual interest.

N. D. RILEY, *Honorary Secretary*.

PROCEEDINGS OF THE ORDINARY MEETING HELD ON 2ND MARCH, 1949.

Dr. V. B. Wigglesworth, F.R.S., President, in the Chair.

Present, 66 Fellows and 12 Visitors.

The minutes of the Ordinary Meeting held on 2nd February, 1949, were confirmed, and signed by the President.

The names of the following candidates for election were read: For the first time: F. S. Downing, B.Sc., Abd. el Fattah Khalifa, B.Sc., Ph.D., N. W. Moore, B.A., E. C. Pelham-Clinton, A. de Porochin, J. R. T. Short, B.Sc., W. J. Stower, B.Sc., and A. W. Vaughan, M.R.C.V.S.

For the second time: Major E. L. B. James, R.A., and G. H. Jones, M.P.S.

The Secretary read the names of the following newly elected Fellows of the Society: Abdel Elmoneim Maher Ali, University College, Gower St., W.C.1; J. F. Burton, 43, Eversley Road, Charlton, S.E.7; G. H. Caswell, 5, Churchfield Crescent, Poole, Dorset; K. U. Clarke, 7, Stanley Avenue, Wembley, Middlesex; Lt.-Cmdr. Abdul Latif, R.P.N.V.R., M.Sc., Associate Professor of Entomology, Punjab Agricultural College, Lyallpur, Pakistan; Miss M. Morgan, 25, Fairview Road, Sutton, Surrey; W. A. Page, 1, Yew Tree Close, Winchmore Hill, London, N.21; M. A. H. Qadri, Aligarh Muslim University, Dept. of Zoology, Aligarh, India.

Thanks were voted to donors of gifts to the Library since the last meeting

The President extended a welcome to Father Emile Licent, S.J., Director of the Hoang ho Pai ho Museum, Tientsin, a specialist in the Jassidae, now on a visit to this country. Father Licent briefly replied.

Mr. A. E. Ali, Mr. J. D. Bletchly and Mr. G. H. Youden signed the Obligation Book and were admitted Fellows of the Society.

Communications were made by Dr. W. H. Thorpe and Mr. J. D. Bletchly, abstracts of which appeared on page 6.

Dr. O. W. Richards, Dr. C. B. Williams, Mr. E. S. Brown, Mr. W. H. Potts, Dr. H. E. Hinton and others took part in the subsequent discussions.

The Secretary, on behalf of Mr. E. C. Riggall, of Louth, Lincs, exhibited a teratological specimen of *Timarcha goettingensis* L. (*coriaria* Laich.) (Col. CHRYSOMELIDAE), and said that Dr. K. G. Blair, who had communicated the specimen, drew attention to the relatively large outgrowth on the shoulder of the right elytron, almost suggesting a foreign body accidentally attached to it. Examination of the specimen, however, confirmed that it was an outgrowth, and that the normal upper membrane of the elytron was continuous over the whole. The tip was almost free and was pierced by a deep hole, so that it was more or less a hollow cylinder. Actually it appeared to be a reduplicated elytron, small and imperfectly developed, as was frequently the case in the reduplicated wings more often found in the Lepidoptera, when the edges were rather curled inwards beneath and fused at the apex to form the round hole. As in the wings of Lepidoptera, the reduplication had not prevented the full development of the normal elytron.

The occurrence was analogous to the reduplication of a leg from a point along the femur, but there appeared to be no previous record of the reduplication of an elytron in the Coleoptera. The specimen had been presented to the Natural History Museum for its teratological collection.

N. D. RILEY, *Honorary Secretary.*

The next meeting will be held on 4th May, at 5.30 p.m.